

**AMENDMENTS TO THE CLAIMS**

1. – 7. (Cancelled)

8. (Currently amended) A method for treating an animal with a Th1 or Th2 related disease and monitoring the efficacy of said treatment comprising

administering a helminthic parasite preparation that alters a regulatory T cell activity to said animal, wherein said administering alters the activity of regulatory T cells;  
and

measuring said regulatory T cell activity~~responses;~~

wherein an increase in the level of the regulatory T cell activity after said administering is indicative of the efficacy of said treatment.

9.-16. (Cancelled)

17. (Currently amended) The method of claim 8, wherein said regulatory T cell activity  
~~responses are~~ is measured by determining the level of a regulatory T cell marker.

18. (Previously presented) The method of claim 17, wherein said regulatory T cell marker is an internal marker.

19. (Previously presented) The method of claim 18, wherein said internal marker is Scurfin, Smad7, Gata3, or Tbet (Tbx21) .

20. (Previously presented) The method of claim 17, wherein said regulatory T marker is a cell surface marker.

21. (Previously presented) The method of claim 20, wherein said cell surface marker is selected from the group consisting of: CD4, CD45RB<sup>lo</sup>, CD45Rc, Cytotoxic T lymphocyte associated antigen 4 (CTLA-4), Ox40, 4-1BB, CD25, CD103, CD62L,  $\alpha\beta$  integrin, latency-

associated peptide (LAP) or glucocorticoid induced TNF receptor family related protein (GITR), chemokine receptor CCR5, TI-ST2.

22. (Previously presented) The method of claim 17, wherein said regulatory T cell marker is a secreted marker.

23. (Previously presented) The method of claim 22, wherein said secreted marker is selected from the group consisting of IL-4, IL-13, IL-5, IL-10 or TGF $\beta$ , IFN $\gamma$  and PgE $_2$ .

24. (Cancel IL-10)

25. (Currently amended) The method of claim ~~8,23~~, wherein said increase in the level of regulatory T cell activity is reflected by secretion by said regulatory T cell of ~~secretes~~ at least a 2-fold increase of TGF $\beta$  as compared to naive T cells.

26. (Currently amended) The method of claim ~~8,23~~, wherein said increase in the level of regulatory T cell activity is reflected by secretion by said regulatory T cell of ~~secretes~~ at least a 2-fold less IFN $\gamma$  as compared to naive T cells.